



0590  
0830

## **RAW SEQUENCE LISTING** **ERROR REPORT**

The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) detected errors when processing the following computer readable form:

Application Serial Number: 10/075,105  
Source: OIPÉ  
Date Processed by STIC: 9/6/02

**THE ATTACHED PRINTOUT EXPLAINS DETECTED ERRORS.**

**PLEASE FORWARD THIS INFORMATION TO THE APPLICANT BY EITHER:**

- 1) INCLUDING A COPY OF THIS PRINTOUT IN YOUR NEXT COMMUNICATION TO THE APPLICANT, WITH A NOTICE TO COMPLY or,**
- 2) TELEPHONING APPLICANT AND FAXING A COPY OF THIS PRINTOUT, WITH A NOTICE TO COMPLY**

**FOR CRF SUBMISSION QUESTIONS, PLEASE CONTACT MARK SPENCER, 703-308-4212.**

**FOR SEQUENCE RULES INTERPRETATION, PLEASE CONTACT ROBERT WAX, 703-308-4216.**

**PATENTIN 2.1 e-mail help: [patin21help@uspto.gov](mailto:patin21help@uspto.gov) or phone 703-306-4119 (R. Wax)**

**PATENTIN 3.0 e-mail help: [patin3help@uspto.gov](mailto:patin3help@uspto.gov) or phone 703-306-4119 (R. Wax)**

**TO REDUCE ERRORED SEQUENCE LISTINGS, PLEASE USE THE CHECKER VERSION 3.1 PROGRAM, ACCESSIBLE THROUGH THE U.S. PATENT AND TRADEMARK OFFICE WEBSITE. SEE BELOW FOR ADDRESS:**

**<http://www.uspto.gov/web/offices/pac/checker>**

Applicants submitting genetic sequence information electronically on diskette or CD-Rom should be aware that there is a possibility that the disk/CD-Rom may have been affected by treatment given to all incoming mail.

Please consider using alternate methods of submission for the disk/CD-Rom or replacement disk/CD-Rom.

Any reply including a sequence listing in electronic form should NOT be sent to the 20231 zip code address for the United States Patent and Trademark Office, and instead should be sent via the following to the indicated addresses:

- 1. EFS-Bio (<<http://www.uspto.gov/ebc/efs/downloads/documents.htm>> , EFS Submission User Manual - ePAVE)**
- 2. U.S. Postal Service: U.S. Patent and Trademark Office, Box Sequence, P.O. Box 2327, Arlington, VA 22202**
- 3. Hand Carry directly to:**  
U.S. Patent and Trademark Office, Technology Center 1600, Reception Area, 7<sup>th</sup> Floor, Examiner Name, Sequence Information, Crystal Mall One, 1911 South Clark Street, Arlington, VA 22202  
Or  
U.S. Patent and Trademark Office, Box Sequence, Customer Window, Lobby, Room 1B03, Crystal Plaza Two, 2011 South Clark Place, Arlington, VA 22202
- 4. Federal Express, United Parcel Service, or other delivery service to: U.S. Patent and Trademark Office, Box Sequence, Room 1B03-Mailroom, Crystal Plaza Two, 2011 South Clark Place, Arlington, VA 22202**

# Raw Sequence Listing Error Summary

ERROR DETECTED	SUGGESTED CORRECTION	SERIAL NUMBER: 10/075,105
ATTN: NEW RULES CASES: PLEASE DISREGARD ENGLISH "ALPHA" HEADERS, WHICH WERE INSERTED BY PTO SOFTWARE		
1 _____ Wrapped Nucleics Wrapped Aminos	The number/text at the end of each line "wrapped" down to the next line. This may occur if your file was retrieved in a word processor after creating it. Please adjust your right margin to .3; this will prevent "wrapping."	
2 _____ Invalid Line Length	The rules require that a line not exceed 72 characters in length. This includes white spaces.	
3 _____ Misaligned Amino Numbering	The numbering under each 5 <sup>th</sup> amino acid is misaligned. Do not use tab codes between numbers; use space characters, instead.	
4 _____ Non-ASCII	The submitted file was not saved in ASCII(DOS) text, as required by the Sequence Rules. Please ensure your subsequent submission is saved in ASCII text.	
5 _____ Variable Length	Sequence(s) _____ contain n's or Xaa's representing more than one residue. Per Sequence Rules, each n or Xaa can only represent a single residue. Please present the maximum number of each residue having variable length and indicate in the <220>-<223> section that some may be missing.	
6 _____ PatentIn 2.0 "bug"	A "bug" in PatentIn version 2.0 has caused the <220>-<223> section to be missing from amino acid sequences(s) _____. Normally, PatentIn would automatically generate this section from the previously coded nucleic acid sequence. Please manually copy the relevant <220>-<223> section to the subsequent amino acid sequence. This applies to the mandatory <220>-<223> sections for Artificial or Unknown sequences.	
7 _____ Skipped Sequences (OLD RULES)	Sequence(s) _____ missing. If intentional, please insert the following lines for each skipped sequence: (2) INFORMATION FOR SEQ ID NO:X: (insert SEQ ID NO where "X" is shown) (i) SEQUENCE CHARACTERISTICS: (Do not insert any subheadings under this heading) (xi) SEQUENCE DESCRIPTION:SEQ ID NO:X: (insert SEQ ID NO where "X" is shown) This sequence is intentionally skipped  Please also adjust the "(ii) NUMBER OF SEQUENCES:" response to include the skipped sequences.	
8 _____ Skipped Sequences (NEW RULES)	Sequence(s) _____ missing. If intentional, please insert the following lines for each skipped sequence. <210> sequence id number <400> sequence id number 000	
9 _____ Use of n's or Xaa's (NEW RULES)	Use of n's and/or Xaa's have been detected in the Sequence Listing. Per 1.823 of Sequence Rules, use of <220>-<223> is MANDATORY if n's or Xaa's are present. In <220> to <223> section, please explain location of n or Xaa, and which residue n or Xaa represents.	
10 _____ Invalid <213> Response	Per 1.823 of Sequence Rules, the only valid <213> responses are: Unknown, Artificial Sequence, or scientific name (Genus/species). <220>-<223> section is required when <213> response is Unknown or is Artificial Sequence	
11 ✓ Use of <220>	Sequence(s) _____ missing the <220> "Feature" and associated numeric identifiers and responses. Use of <220> to <223> is MANDATORY if <213> "Organism" response is "Artificial Sequence" or "Unknown." Please explain source of genetic material in <220> to <223> section. (See "Federal Register," 06/01/1998, Vol. 63, No. 104, pp. 29631-32) (Sec. 1.823 of Sequence Rules)	
12 _____ PatentIn 2.0 "bug"	Please do not use "Copy to Disk" function of PatentIn version 2.0. This causes a corrupted file, resulting in missing mandatory numeric identifiers and responses (as indicated on raw sequence listing). Instead, please use "File Manager" or any other manual means to copy file to floppy disk.	
13 _____ Misuse of n	n can only be used to represent a single nucleotide in a nucleic acid sequence. N is not used to represent any value not specifically a nucleotide.	



OIPE

**Does Not Comply**  
**Corrected Diskette Needed**

## RAW SEQUENCE LISTING

DATE: 09/06/2002

PATENT APPLICATION: US/10/075,105

TIME: 14:21:39

Input Set : A:\PTO.VSK.txt

Output Set: N:\CRF4\09062002\J075105.raw

3 <110> APPLICANT: Li, Zhijian T  
4 Gray, Dennis J  
6 <120> TITLE OF INVENTION: Bi-Directional Dual Promoter Complex with Enhanced Promoter  
Activity for

7 Transgene Expression in Eukaryotes  
9 <130> FILE REFERENCE: 7270-72978  
11 <140> CURRENT APPLICATION NUMBER: 10/075,105  
C--> 12 <141> CURRENT FILING DATE: 2002-09-05  
14 <150> PRIOR APPLICATION NUMBER: 60/268,358  
15 <151> PRIOR FILING DATE: 2001-02-13

17 <160> NUMBER OF SEQ ID NOS: 18  
19 <170> SOFTWARE: PatentIn version 3.1  
21 <210> SEQ ID NO: 1

22 &lt;211&gt; LENGTH: 736

23 &lt;212&gt; TYPE: DNA

24 &lt;213&gt; ORGANISM: unknown

26 &lt;220&gt; FEATURE:

27 &lt;223&gt; OTHER INFORMATION: Unknown Organism

29 &lt;400&gt; SEQUENCE: 1

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32 aaggatagtg ggattgtgcg tcatccctta cgtcagtgga gatactgcag aagcttctgc 120  
34 agtgagactt ttcaacaaag ggtaatatcg ggaaacctcc tcggattcca ttgccagct 180  
36 atctgtcact tcatcaaaag gacagtagaa aaggaagggtg gcacctacaa atgccatcat 240  
38 tgcgataaag gaaaggctat cgttcaagat gcctctgccc acagtgggtcc caaagatgga 300  
40 cccccaccca cgaggagcat cgtggaaaaa gaagacgttc caaccacgtc ttcaaagcaa 360  
42 gtggattgat gtgattgcag tgagactttt caacaaaggg taatatcggg aaacctcttc 420  
44 ggattccatt gccagctat ctgtcacttc atcaaaagga cagtagaaaa ggaaggtggc 480  
46 acctacaaat gccatcattg cgataaagga aaggctatcg ttcaagatgc ctctgccgac 540  
48 agtgggtccca aagatggacc cccacccacg aggagcatcg tggaaaaaga agacgttcca 600  
50 accacgtctt caaagcaagt ggattgatgt gatattctcca ctgacgtaag ggatgacgca 660  
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54 aggacacgct ggatcc 736

57 &lt;210&gt; SEQ ID NO: 2

58 &lt;211&gt; LENGTH: 736

59 &lt;212&gt; TYPE: DNA

60 &lt;213&gt; ORGANISM: unknown

62 &lt;220&gt; FEATURE:

63 &lt;223&gt; OTHER INFORMATION: unknown organism

65 &lt;400&gt; SEQUENCE: 2

66 cctaggtcgc acaggagagg ttacttttac ttgaaggaat atatctcctt cccagaacgc 60  
68 ttctatcac cctaacacgc agtagggaat gcagtcacct ctatgacgtc ttogaagacg 120  
70 tcaacttgaa aagttgtttc ccattatagc cctttggagg agcctaaggt aacgggtcga 180  
72 tagacagtga agtagttttc ctgtcatctt ttcttccac cgtggatggt tacggtagta 240  
74 acgctatttc ctttccgata gcaagttcta cggagacggc tgtcaccagg gtttctacct 300

The type of errors shown exist throughout  
the Sequence Listing. Please check subsequent  
sequences for similar errors.

invalid response - see error  
Summary sheet item 10 - must explain  
genetic source

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Input Set : A:\PTO.VSK.txt

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78 cacctaacta cactaacgtc actctgaaaa gttgtttccc attatagccc tttggaggag 420
80 cctaaggtaa cgggtcgata gacagtgaag tagttttcct gtcattcttt ccttccaccg 480
82 tggatgttta cggtagtaac gctatttcct tccgatagc aagttctacg gagacggctg 540
84 tcaccagggt ttctacctgg ggggtgggtgc tcctcgtagc acctttttct tctgcaagg 600
86 tgggtgcagaa gtttcgttca cctaactaca ctatagaggt gactgcattc cctactgcgt 660
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96 <213> ORGANISM: unknown
98 <220> FEATURE:
99 <223> OTHER INFORMATION: unknown
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106 tgctttgaag acgtgggttg aacgtcttct ttttccacga tgctcctcgt ggggtgggggt 180
108 ccattcttgg gaccactgtc ggcagaggca tcttcaacga tggcctttcc tttatcgcaa 240
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112 gctgggcaat ggaatccgag gaggtttccg gatattacc tttgttgaaa agtctcaatt 360
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116 tccaccatgt tgattcacat caatccactt gctttgaaga cgtggttga acgtcttctt 480
118 ttccaacgat gctcctcgtg ggtgggggtg catctttggg accactgtcg gcagaggcat 540
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122 ccactatctt cacaataaag tgacagatag ctgggcaatg gaatccgagg aggtttccgg 660
124 atattaccct ttgttgaaaa gtctcaattg ccctttgggtc ttctgagact gtatctttga 720
126 tatttttgga gtagacaagt gtgtcgtgct ccaccatgtt gataagcttc tgcagtgaga 780
128 cttttcaaca aagggttaata tcgggaaacc tcctcggtt ccattgcccc gctatctgtc 840
130 acttcatcaa aaggacagta gaaaagggaag gtggcaccta caaatgccat cattgcgata 900
132 aaggaaaggc tatcgttcaa gatgcctctg ccgacagtgg tcccaaagat ggacccccac 960
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136 gatgtgattg cagtgagact tttcaacaaa gggtaatatc gggaaacctc ctcggattcc 1080
138 attgcccagc tatctgtcac ttcatcaaaa ggacagtaga aaagggaagg ggcacctaca 1140
140 aatgccatca ttgcgataaa ggaaaggcta tcgttcaaga tgctctgcc gacagtgggtc 1200
142 ccaaagatgg acccccaccc acgaggagca tcgtggaaaa agaagacgtt ccaaccacgt 1260
144 cttcaaagca agtggattga tgtgatatct ccactgacgt aagggatgac gcacaatccc 1320
146 actatccttc gcaagaccct tcctctatat aagggaagttc 1360
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150 <211> LENGTH: 1360
151 <212> TYPE: DNA
152 <213> ORGANISM: unknown
154 <220> FEATURE:
155 <223> OTHER INFORMATION: Unknown Organism
157 <400> SEQUENCE: 4
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160 cttcctatca ccctaacacg cagtagggaa tgcagtcacc tctatagtgt agttagggtg 120
162 acgaaacttc tgcaccaacc ttgcagaaga aaaagggtgct acgaggagca cccaccccc 180
164 ggtagaaacc ctggtgacag cgtctccgt agaagttgct accggaaagg aaatagcgtt 240

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Input Set : A:\PTO.VSK.txt

Output Set: N:\CRF4\09062002\J075105.raw

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166 actaccgtaa acatcctcgg tggaaggaaa aggtgataga agtgttattt cactgtctat 300
168 cgacccgtta ccttaggctc ctccaaaggc ctataatggg aaacaacttt tcagagttaa 360
170 cgggaaacca gaagactctg acatagaaac tataaaaaacc tcatctgttc acacagcacg 420
172 aggtggtaca actaagtgtg gttagggtgaa cgaaacttct gcaccaacct tgcagaagaa 480
174 aaaggtgcta cgaggagcac ccacccccag gtgaaaccc tggtgacagc cgtctccgta 540
176 gaagttgcta ccggaaggaa aatagcgtta ctaccgtaaa catcctcggg ggaaggaaaa 600
178 ggtgatagaa gtgttatttc actgtctatc gaccggttac cttaggctcc tccaaaggcc 660
180 tataatggga aacaactttt cagagttaac gggaaaccag aagactctga catagaaact 720
182 ataaaaacct catctgttca cacagcacga ggtggtacaa ctattcgaag acgtcactct 780
184 gaaaagtgtt ttcccattat agccctttgg aggagcctaa ggtaacgggt cgatagacag 840
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188 ttcctttccg atagcaagtt ctacggagac ggctgtcacc agggtttcta cctgggggtg 960
190 ggtgctcctc gtagcacctt tttcttctgc aaggttggtg cagaagtttc gttcacctaa 1020
192 ctacactaac gtcactctga aaagtgtgtt ccctattatag ccctttggag gagcctaagg 1080
194 taacgggtcg atagacagtg aagtagtttt cctgtcatct tttccttcca ccgtggatgt 1140
196 ttacggtagt aacgctattt cctttccgat agcaagttct acggagacgg ctgtcaccag 1200
198 ggtttctacc tgggggtggg tgctcctcgt agcacctttt tcttctgcaa ggttggtgca 1260
200 gaagtttcgt tcacctaact acactataga ggtgactgca ttccctactg cgtgttaggg 1320
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205 &lt;210&gt; SEQ ID NO: 5

206 &lt;211&gt; LENGTH: 1052

207 &lt;212&gt; TYPE: DNA

208 &lt;213&gt; ORGANISM: unknown

210 &lt;220&gt; FEATURE:

211 &lt;223&gt; OTHER INFORMATION: Unknown Organism

213 &lt;400&gt; SEQUENCE: 5

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214 ggatccacaa acttacaaat ttctctgaag ttgtatcctc agtacttcaa agaaaatagc 60
216 ttacacccaaa ttttttcttg ttttcacaaa tgccgaactt ggttccttat ataggaaaac 120
218 tcaagggcaa aaatgacacg gaaaaatata aaaggataag tagtggggga taagattcct 180
220 ttgtgataag gttactttcc gaagcttcca gaaggtaatt atccaagatg tagcatcaag 240
222 aatccaatgt ttacgggaaa aactatggaa gtattatgtg agctcagcaa gaagcagatc 300
224 aatatgcggc acatatgcaa cctatgttca aaaatgaaga atgtacagat acaagatcct 360
226 atactgcag aatacgaaga agaatacgta gaaattgaaa agaagaacc aggcgaagaa 420
228 aagaatcttg aagacgtaag cactgacgac aacaatgaaa agaagaagat aaggctcggg 480
230 attgtgaaaag agacatagag gacacatgta aggtggaaaa tgtaagggct gcagaaggta 540
232 attatccaag atgtagcatc aagaatccaa tgtttacggg aaaaactatg gaagtattat 600
234 gtgagctcag caagaagcag atcaatatgc ggcacatatg caacctatgt tcaaaaatga 660
236 agaattgtaca gatacaagat cctatactgc cagaatacga agaagaatac gtagaaaattg 720
238 aaaaagaaga accaggcgaa gaaaagaatc ttgaagacgt aagcactgac gacaacaatg 780
240 aaaaagaaga gataaggctg gtgattgtga aagagacata gaggacacat gtaagggtga 840
242 aatatgaagg gcggaaagta acctatcac aaaggaatct tatccccac tacttatcct 900
244 ttatatattt tccgtgtcat ttttgccctt gagtttccct atataaggaa ccaagttcgg 960
246 catttgtgaa aacaagaaaa aatttggtgt aagctatttt ctttgaagta ctgaggatac 1020
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252 &lt;211&gt; LENGTH: 1052

253 &lt;212&gt; TYPE: DNA

254 &lt;213&gt; ORGANISM: unknown

256 &lt;220&gt; FEATURE:

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DATE: 09/06/2002

PATENT APPLICATION: US/10/075,105

TIME: 14:21:39

Input Set : A:\PTO.VSK.txt

Output Set: N:\CRF4\09062002\J075105.raw

257 &lt;223&gt; OTHER INFORMATION: Unknown Organism

259 &lt;400&gt; SEQUENCE: 6

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264	agttcc	cggt	tttact	gtgc	cttttt	tatat	tttc	ctattc	atc	accc	ccct	attc	180
266	aacact	tattc	caat	gaaag	cttc	gaagg	cttc	caatt	aa	tagg	ttct	atc	240
268	ttagg	ttaca	aatg	cccttt	ttg	atac	ctt	ataac	ac	tgcg	atcg	tctag	300
270	ttata	cgcg	tgtata	cgtt	ggata	caagt	tttt	actt	ct	tacat	gtct	tgtt	360
272	tatga	cggtc	ttat	gctt	ct	tatt	gcat	cttt	aa	cttt	t	ttg	420
274	ttctt	agaac	ttct	gcattc	gtg	actg	ctg	ttgt	ta	cttt	t	ttc	480
276	taacac	tttc	tctg	tatctc	ctg	tgtac	at	tcc	ac	cttt	ac	atc	540
278	taatag	gttc	tacat	cgtag	ttct	taggt	tt	acaa	atg	ccc	tttt	gata	600
280	cactcg	agtc	gttctt	cgtc	tagt	tata	cgc	gtg	tata	c	gtt	gata	660
282	tottac	atgt	ctat	gttcta	ggat	atgac	g	tctt	atg	ct	ttt	atg	720
284	ttttt	cttct	tgg	tccg	ctt	ctttt	cttag	aact	tctg	ca	ttcg	tactg	780
286	ttttt	cttct	ctatt	ccagc	cact	aa	caact	ttct	ctg	tat	ctct	gtg	840
288	tttac	attcc	cgc	ctttc	at	tgga	atag	tgt	tttc	ctt	aga	atag	900
290	aaatata	aaaa	agg	ca	agta	aaa	acggg	aa	ctc	aaa	agga	tata	960
292	gtaaac	actt	ttgt	ttcttt	ttaa	accaca	ttc	gata	aaaa	gaa	actt	cat	1020
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298 &lt;211&gt; LENGTH: 1590

299 &lt;212&gt; TYPE: DNA

300 &lt;213&gt; ORGANISM: unknown

302 &lt;220&gt; FEATURE:

303 &lt;223&gt; OTHER INFORMATION: Unknown Organism

305 &lt;400&gt; SEQUENCE: 7

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308	ttacac	caaaa	ttttt	ttctg	tttt	caaaa	tgcc	gaactt	ggtt	ccctat	atag	gaaa	aac	120
310	tcaagg	gcaa	aatg	acacg	gaaa	aatata	aaag	gataag	tagt	gggg	ga	taag	attc	180
312	ttgtga	tataag	gttact	tttc	gcc	ttacat	tttc	caacctt	acat	gtgt	cc	tctat	gtctc	240
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316	aagatt	cttt	tctt	gcctg	gtt	cttctt	ttc	aattt	ct	acg	tatt	ctt	cg	360
318	tggc	cagtata	ggat	cttg	tta	ctgt	acatt	cttc	at	tttt	gaac	atag	gt	420
320	cgc	catattg	atct	gctt	ct	tgct	gagctc	acata	ata	act	tcc	atag	ctg	480
322	at	tttcc	acc	ttac	atgt	gt	ctctat	gtc	tctt	tc	acaa	tc	accg	540
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328	ttctt	caattt	ttga	acatag	gtt	gc	atag	t	tgcc	gc	atat	t	gat	720
330	tc	acata	ata	ctt	ccatag	g	agctt	ca	agg	taatt	at	cca	agat	780
332	tcca	atgttt	acgg	gaaaaa	ctat	ggaag	t	attat	gtg	ag	ctc	ag	ca	840
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344	gag	ctcag	ca	aga	gcagat	caat	atgc	gg	cacat	atg	ca	ac	ctat	1200
346	aatg	tacaga	taca	agatcc	tata	ctg	cca	gaata	cgaag	aaga	ata	ctg	agaa	1260
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DATE: 09/06/2002

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Output Set: N:\CRF4\09062002\J075105.raw

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350 aagaagaaga taaggctcggg gattgtgaaa gagacataga ggacacatgt aagggtggaaa 1380
352 atgtaagggc ggaaagtaac cttatcacaa aggaatctta tccccacta cttatccttt 1440
354 tatatctttc cgtgtcattt ttgcccttga gttttcctat ataaggaacc aagttcggca 1500
356 tttgtgaaaa caagaaaaaa tttggtgtaa gctattttct ttgaagtact gaggatacaa 1560
358 cttcagagaa atttgaagt ttgtggatcc 1590

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361 &lt;210&gt; SEQ ID NO: 8

362 &lt;211&gt; LENGTH: 1590

363 &lt;212&gt; TYPE: DNA

364 &lt;213&gt; ORGANISM: unknown

366 &lt;220&gt; FEATURE:

367 &lt;223&gt; OTHER INFORMATION: Unknown Organism

369 &lt;400&gt; SEQUENCE: 8

```

370 cctaggtggt tgaatgttta aagagacttc aacataggag tcatgaagtt tcttttatcg 60
372 aatgtggttt aaaaaagaac aaaagtgttt acggcttgaa ccaaggaata tatccttttg 120
374 agttcccggt tttactgtgc ctttttataat ttctctattc atcacccctt attctaagga 180
376 aacactattc caatgaaagg cggggatgta aaagggtggaa tgtacacagg agatacagag 240
378 aaagtgttag tggctggaat agaagaagaa aagtaacaac agcagtcacg aatgcagaag 300
380 ttctaagaaa agaagcggac caagaagaaa aagttaaaaga tgcataagaa gaagcataag 360
382 accgtcatat cctagaacat agacatgtaa gaagtaaaaaa cttgtatcca acgtatacac 420
384 ggcgtataac tagacgaaga acgactcgag tgtattatga aggtatcgac gtcgggaatg 480
386 taaaagggtg aatgtacaca ggagatacag agaaaagtgt agtggctgga atagaagaag 540
388 aaaagtaaca acagcagtc cgaatgcaga agttctaaga aaagaagcgg accaagaaga 600
390 aaaagttaaa gatgcataag aagaagcata agaccgtcat atcctagaac atagacatgt 660
392 aagaagtaaa aacttgtatc caacgtatac acggcgtata actagacgaa gaacgactcg 720
394 agtgtattat gaaggatcc ttcgaagtct tccattaata gggtctacat cgtagtctct 780
396 aggttacaaa tgcccttttt gataccttca taatacactc gagtcgttct tcgtctagt 840
398 atacgccgtg tatacgttgg atacaagttt ttacttctta catgtctatg ttctaggata 900
400 tgacggtctt atgcttcttc ttatgcatct ttaacttttt cttcttggtc cgtctctttt 960
402 cttagaactt ctgcattcgt gactgctgtt gttacttttc ttcttctatt ccagccacta 1020
404 acactttctc tgtatctcct gtgtacattc caccttttac attcccagc tcttccatta 1080
406 ataggttcta catcgtagt cttaggttac aaatgccctt tttgatacct tcataataca 1140
408 ctcgagtcgt tcttcgtcta gttatacgcc gtgtatacgt tggatacaag tttttacttc 1200
410 ttacatgtct atgttctagg atatgacggt cttatgcttc ttcttatgca tctttaactt 1260
412 tttcttcttg gtccgcttct tttcttagaa cttctgcatt cgtgactgct gttgttactt 1320
414 ttcttcttct attccagcca ctaacacttt ctctgtatct cctgtgtaca ttccaccttt 1380
416 tacattcccg cctttcattg gaatagtgtt tccttagaat aggggggtgat gaataggaaa 1440
418 atataaaaaa gcacagtaaa aacgggaact caaaaaggata tattccttgg ttcaagccgt 1500
420 aaacactttt gttctttttt aaaccacatt cgataaaaaga aacttcatga ctctatgtt 1560
422 gaagtctctt taaacattca aacacctagg 1590

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425 &lt;210&gt; SEQ ID NO: 9

426 &lt;211&gt; LENGTH: 1228

427 &lt;212&gt; TYPE: DNA

428 &lt;213&gt; ORGANISM: unknown

430 &lt;220&gt; FEATURE:

431 &lt;223&gt; OTHER INFORMATION: Unknown Organism

433 &lt;400&gt; SEQUENCE: 9

```

434 ggatccttgt tttcaaagcg gagaggaaaa tatatgaatt tatataggcg ggtttatctc 60
436 ttacaacttt attttcggcc tttcaaaaaa ataattaaaa tcgacagaca cgaatcattt 120
438 cgaccacaga agcttcaact atttttatgt atgcaagagt cagcatatgt ataattgatt 180

```

RAW SEQUENCE LISTING ERROR SUMMARY  
PATENT APPLICATION: US/10/075,105

DATE: 09/06/2002  
TIME: 14:21:40

Input Set : A:\PTO.VSK.txt  
Output Set: N:\CRF4\09062002\J075105.raw

Invalid Line Length:

The rules require that a line not exceed 72 characters in length. This includes spaces.

Seq#:1; Line(s) 6



VERIFICATION SUMMARY

PATENT APPLICATION: US/10/075,105

DATE: 09/06/2002

TIME: 14:21:40

Input Set : A:\PTO.VSK.txt

Output Set: N:\CRF4\09062002\J075105.raw

L:12 M:271 C: Current Filing Date differs, Replaced Current Filing Date